

PlusOne Programs

MS Chemistry

Northeastern University
College of Science

Eligibility

Students must be pursuing one of the following undergraduate degrees:

- BS Biochemistry
- BS Chemistry

A minimum cumulative 3.000 GPA is required.

Prior to applying, students must:

- Complete one co-op experience
- Identify a thesis advisor for their research

Curriculum Requirements

A maximum of 16 graduate credits completed as an undergraduate can be used toward the Master of Science degree.

REQUIRED COURSES TO COMPLETE AS AN UNDERGRADUATE STUDENT

BS Biochemistry

- CHEM 5620 Protein Chemistry (3 SH)
- BIOL 6401 Research Methods and Critical Analysis in Molecular Cell Biology (4 SH) in place of advanced biology elective
- Three 5000+ level courses (3 SH each) in place of up to 2 advanced chemistry electives

BS Chemistry

- CHEM 5261/5622 Principles of Chemical Biology for Chemists (4 SH)
- CHEM 5628 Principles of Spectroscopy of Organic Compounds (3 SH) in place of CHEM 4628
- Three 5000+ level Chemistry courses (3 SH each), one of which replaces an intermediate level chemistry elective

REQUIRED COURSES TO COMPLETE AS A GRADUATE STUDENT

BS Biochemistry

- 1 Chemistry graduate course (3 SH)
- CHEM 5501 Chemical Safety in the Research Laboratory (repeated, 2SH)
- CHEM 5904 seminar (repeated, 2 SH)
- CHEM 5984 Graduate MS Research (6 SH)
- CHEM 7990 MS Thesis (4 SH)

Some graduate classes, research or thesis credits could be completed in the summer, depending on the availability of courses and individual student plans.

Other Information

Successful completion of the PlusOne program requires a seminar presentation and acceptance of a written thesis by a three-member appointed thesis committee.

Scan for
application
requirements

